

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,006,139 B2  
APPLICATION NO. : 09/829363  
DATED : February 28, 2006  
INVENTOR(S) : Hiroto Ohkawara

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 26, delete "a-magnification" and insert --a magnification--

Column 15, line 21, delete " $A(\gamma+1, v'l)$ " and insert -- $A(\gamma+1, v' -l)$ --

Column 18, line 8, delete " $V_f = V_f^+$  (where  $V_f^+ \geq 0$ )."

and insert

-- $V_f = V_f^+$  (where  $V_f^+ \geq 0$ ).--

Column 20, line 60, delete " $Z(v'l)$ " and insert -- $Z(v' -l)$ --

Column 20, line 61, delete " $A(\gamma+1, v'l)$ " and insert -- $A(\gamma+1, v' -l)$ --

Column 25, line 52, delete "difficult to reduce" and insert --difficult to reduce.--

Column 30, line 23, delete "Step 8206" and insert --Step S206--

Column 30, line 52, delete " $A(\gamma, v'l)$ ," and insert -- $A(\gamma, v' -l)$ ,--

Column 48, line 19, delete "amplitude a" and insert --amplitude  $\alpha$ --

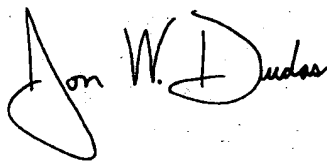
Column 50, line 4, delete "movement AF" and insert --movement  $\Delta F$ --

Column 65, line 41, delete "byte lens" and insert --by the lens--

Column 65, line 67, delete "so tat said" and insert --so that said--

Signed and Sealed this

Twenty-first Day of November, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*